

Product datasheet for TP301913

HOOK2 (NM_013312) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hook homolog 2 (Drosophila) (HOOK2), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201913 protein sequence Red =Cloning site Green =Tags(s)

MSVDKAEKCGSLLTWLQTFHVPSPCASPDLSGLAVAYVLNQIDPSWFNEAWLQGISDPGPNWKLKVS
 NLKMLVLRSLVEYSQDVLAHPVSEEHLDPVSLIGEFSDPAELGKLLQLVLGCAISCEKKQDHIQRIMTLEE
 SVQHVMEMAIQELMTKDTSPDLSPTYGNFDSQSRYYFLSEEAEEGDELQQRCLDLERQLMILLSEEKQS
 LAQENAGLRERMGRPEGEGTPGLTAKKLLLSQLEQLQEENFRLESGREDERLRCAELEREVAELQHRN
 QALTSQAQEAQALKDEMDELQSSERAGQLEATLTSCRRRLGELRELRQRVQLEERNAGHAERTRQLED
 ELRRAGSLRAQEAQRQVQELQGQRQEEAMKAEKWLFECRNLEEKYESVTKEKERLLAERDSLREANEE
 LRCAQLQPRGLTQADPSLDPTSTPVDNLAAEILPAELRETLRLQLENKRLCRQEAAADRERQEELQRQLE
 DANRARHGLETQHRLNQQLSELRAQVEDLQKALQEQQGKTEDSILLKRKLEEHLQKLHEADLELQRKR
 E
 YIEELEPPTDSSTARIEELQHNLQKKDADLRAMEERYRRYVDKARMVMQTMPEPKQRPAAGAPPELHSLR
 TQLRERDVRIRHLEMDFEKRSRQREQEELKLIASAWYNMGMALQQRAGEERAPAHQAQFLAQQLATNSR
 R
 GPLGRLASLNRPTDKH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	83 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_037444
Locus ID:	29911
UniProt ID:	Q96ED9
RefSeq Size:	2628
Cytogenetics:	19p13.13
RefSeq ORF:	2151
Synonyms:	HK2
Summary:	Hook proteins are cytosolic coiled-coil proteins that contain conserved N-terminal domains, which attach to microtubules, and more divergent C-terminal domains, which mediate binding to organelles. The Drosophila Hook protein is a component of the endocytic compartment.[supplied by OMIM, Apr 2004]

Product images:



Coomassie blue staining of purified HOOK2 protein (Cat# TP301913). The protein was produced from HEK293T cells transfected with HOOK2 cDNA clone (Cat# [RC201913]) using MegaTran 2.0 (Cat# [TT210002]).